

PARSEME follow-up initiatives

SentOp Action

Expression of **Sentiments** and
Opinions



Initiators

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Project COST

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Challenge

The expression of **sentiments** and **opinions** is an important societal issue in the increasingly web-connected world, as the expression of the individual and its relation to the communities s/he belongs to are at the very core of democratic society. But it is also an important challenge from a practical viewpoint, in view of multiple applications on a multitude of domains -- from politics to economics, from interpersonal relations to consumers' preferences and trends.

Human interaction is nowadays mediated through many automatic agents and computer systems, and large databases record interpersonal communication and relations. Many of these forms of linguistic expression are only available in natural language.

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- **Challenge** for *Linguistics* and *Natural Language Processing* (NLP) communities:
 - the linguistic expression of sentiments and opinions (many *multiword expressions* from a variety of types)(lexica, corpora...)
 - the semantic structuring of **sentiments** and **opinions** (ontologies, polarity detection...)
 - different methods combine symbolic and lexically-based methods with machine learning-based approaches, in order to capture these expressions (**sentiment** & **opinion**) in running text.

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Objectives

- ❑ the establishment of long-lasting collaboration among a multilingual community of researchers and specialists on sentiment analysis and opinion mining.
- ❑ common framework for the development of linguistic resources (mostly lexicons and annotated corpora)
- ❑ evaluation initiatives towards a better assessment of the current state-of-the-art language resources and tools (better definition of current areas of specialization and interest and the identification of the main actors in the field)

Partners already involved

Greece, Portugal, France, Serbia, Cyprus, Italy, Belgium,
Portugal, Russia, Spain, [Brazil]....

And.....